



ABSTRACT

A knife for heating the wax on the surface of a wax runner. The knife as a surface which is recessed in the center of the surface to permit melted wax to flow up into the recessed area and not flow away from the knife. Alternately, conformal heating surface which melts only that portion of the wax runner to which the pattern gate is affixed. Additionally an electrical circuit is provided which includes a heater and a temperature controller to limit the temperature at which wax is melted.